

FORM PTO-1390 (Modified)
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

Studien 282-KGB

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/831566

INTERNATIONAL APPLICATION NO.
PCT/EP99/08594INTERNATIONAL FILING DATE
9 November 1999PRIORITY DATE CLAIMED
13 November 1998

TITLE OF INVENTION

WATER-SOLUBLE NANOSTRUCTURED METAL-OXIDE COLLOIDS AND METHOD FOR PREPARING SAME

APPLICANT(S) FOR DO/EO/US

Manfred T. REETZ and Michael Georg KOCH

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ Certificate of Mailing by Express Mail
20. ☒ Other items or information:

Combined Declaration and Power of Attorney

Copy of PCT/EP99/08594 WO 00/29332

Form PCT/IPEA/416

Letter dated 8 January 2001

PCT Chapter II Demand

Notification of Transmittal of the International Search Report (Form PCT/ISA/220)

Copy of Receipt for Documents

Copy of PCT Request

Copy of Application (German)

U.S. APPLICATION NO. (IF KNOWN, SEE 3)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
09/831566		PCT/EP99/08594		Studien 282-KGB	
21. The following fees are submitted:				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :					
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO				\$1,000.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO				\$860.00	
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO				\$710.00	
<input checked="" type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)				\$690.00	
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)				\$100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$690.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	25 - 20 =	5	x \$18.00	\$90.00	
Independent claims	1 - 3 =	0	x \$80.00	\$0.00	
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$780.00	
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).			<input checked="" type="checkbox"/>	\$390.00	
SUBTOTAL =				\$390.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$0.00	
TOTAL NATIONAL FEE =				\$390.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).			<input type="checkbox"/>	\$0.00	
TOTAL FEES ENCLOSED =				\$0.00	
				Amount to be refunded	\$
				charged	\$ 390.00
<input type="checkbox"/> A check in the amount of to cover the above fees is enclosed.					
<input checked="" type="checkbox"/> Please charge my Deposit Account No. 14-1263 in the amount of \$390.00 to cover the above fees. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 14-1263 A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Kurt G. Briscoe Norris McLaughlin & Marcus 220 East 42nd Street - 30th Floor New York, New York 10017 (212) 808-0700			SIGNATURE Kurt G. Briscoe NAME 33,141 REGISTRATION NUMBER May 10, 2001 DATE		

09/831566

JC08 Rec'd PCT/PTO 10 MAY 2007

Studien 282-KGB

EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number EL 728911669 US

Date of Deposit May 10, 2001

I hereby certify that the following items:

- 1) Transmittal Letter to the US Designated/Elected Office (DO/EO/US)
Concerning a Filing Under 35 USC 371 (2 Pages) (duplicate)
- 2) Preliminary Amendment
- 3) Recordation Form Cover Sheet (2 Pages) (duplicate)
- 4) Assignment (2 Pages)
- 5) Combination Declaration & Power of Attorney (2 Pages)
- 6) Copy of International Search Report
- 7) Application consisting of a) Specification (Pages 1-22)
b) 20 Claims (Pages 23-26)
c) Abstract (Page 27)
- 8) Copy of PCT/EP99/08594 WO 00/29332
- 9) Form PCT/IPEA/416
- 10) Letter dated 8 January 2001
- 11) PCT Chapter II Demand
- 12) Notification of Transmittal of the International Search Report
- 13) Copy of Receipt for Documents
- 14) Copy of Application (German)

are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the: Hon. Commissioner for Patents, Washington, D.C. 20231, Box PCT.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By Jennifer Archa